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L1 17 S TELEVISION(P) (INTERNET OR WORLD WIDE WEB)

DIALOG(R)File 248:PIRA

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00427116 Pira Acc. Num.: 20040194

Title: FOUR AUDIO DISTRIBUTION OPTIONS IN THE NEWS

Authors: Anon

Source: Electron. Doc. vol. 4, no. 9, Sept 1995, pp 20-22

ISSN: 0965-2035

Publication Year: 1995

Document Type: Journal Article

Language: English

Pira Subfiles: Printing and Publishing (PP); World Publishing Monitor  
(PU)

Journal Announcement: 9601

Abstract: Developments involved in audio for shared data over conventional telephone systems and documents over the Internet are described. PictureTel International has introduced LiveTalk a Windows based simultaneous voice and data sharing package which works over analogue telephone lines. LiveTalk can run on a PC 486 and above with a soundboard and modem. RealAudio System from Progressive Networks enables suitable equipped PCs to play a compressed audio file as it is downloaded from the Internet. This system could be used to distribute corporate information worldwide. Internet Phone (I-Phone) software from Vocaltec enables real time telephone connections over the Internet for the cost of a local call. Some Internet providers are worried about the vast amounts of bandwidths used. Octel Communications has introduced OcteLink which can transport messages to and from any voice mail system.

Company Names: OCTEL COMMUNICATIONS; PICTURETEL  
INTERNATIONAL;

PROGRESSIVE NETWORKS; VOCALTEC

Trade Names: INTERNET; INTERNET PHONE; LIVETALK; OCTELINK;  
REALAUDIO

Geographic Locations: EUROPE; UNITED KINGDOM

Geographic Codes: EU; EZUKM

Descriptors: NEW SOFTWARE; NEW TECHNOLOGY;  
TELECOMMUNICATION

Section Headings: Networks (8081)

DIALOG(R)File 248:PIRA

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00465746 Pira Acc. Num.: 20068668

Title: RealAudio client 3.0

Authors: Smith J

Source: MacUser vol. 12, no. 22, 25 Oct. 1996, p. 72

ISSN: 0269-3275

Publication Year: 1996

Document Type: Journal Article

Language: English

Pira Subfiles: Printing and Publishing (PP); World Publishing Monitor (PU)

Journal Announcement: 9702

Abstract: A product review is presented of a new software program for playing realtime sound over the Internet. RealAudio client 3.0 from Progressive Networks is considered to be a much improved version of RealAudio, which offers improved sound quality and better caching. The new software lets the user listen to live sound over the Internet, and does not require the whole file to download before playing the sound. The features of RealAudio are described, and the new features of the freeware client and the commercial version are examined. The benefits of the new caching technology are discussed, and the advantages and the shortcomings of the new software are highlighted. Suitable applications for RealAudio client 3.0 are mentioned. (2 fig)

Company Names: Progressive Networks

Trade Names: RealAudio client

Descriptors: AUDIO; INTERNET; NEW SOFTWARE; PRODUCT REVIEW

Section Headings: Electronic Media (8690)

DIALOG(R)File 248:PIRA  
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00411225 Pira Acc. Num.: 20032161

Title: REAL PROGRESS: THE INTERNET AS INFORMATION UTILITY

Authors: Ratcliffe M

Source: Digital Media vol. 4, no. 12, 10 May 1995, pp 19-22

ISSN: 1056-7038

Publication Year: 1995

Document Type: Journal Article

Language: English

Pira Subfiles: Printing and Publishing (PP); World Publishing Monitor  
(PU)

Journal Announcement: 9509

Abstract: Two new technologies, RealAudio from Progressive Networks and HotJava from Sun Microsystems, look set to turn the Internet into a practical and useful flow of information and entertainment for ordinary people. RealAudio is a tool for producing, distributing and listening to on-demand audio clips. It provides streaming audio for 14.4kbps or faster modems and network connections and allows network and multimedia scripting commands to be embedded in the sound. Audio-visual tours of a subject can be created. HotJava is a new programming tool, with a new language called Java, enabling creation of interactions based on a set of rules so that software acts differently for each consumer. The business strategy and technology of both products are explored.

Company Names: PROGRESSIVE NETWORKS; SUN MICROSYSTEMS

Trade Names: HOTJAVA; INTERNET; REALAUDIO

Descriptors: NETWORK; NEW PRODUCT

DIALOG(R)File 2:INSPEC

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5244079 INSPEC Abstract Number: B9606-0120-002, C9606-7810C-006

Title: Digital audio and disabled learners

Author(s): Vincent, T.

Author Affiliation: Inst. of Educ. Technol., Open Univ., Milton Keynes, UK

Journal: Innovations in Education and Training International vol.33, no.1 p.66-7

Publisher: Kogan Page,

Publication Date: Feb. 1996 Country of Publication: UK

CODEN: IETIF4 ISSN: 1355-8005

SICI: 1355-8005(199602)33:1L.66:DADL;1-B

Material Identity Number: D002-96002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A commonly used medium for print-disabled students is audio tape. A more recent development has been the use of the Internet for providing access to digital audio. The Open University is currently collaborating with Progressive Networks who have developed encoding and distribution methods for the World Wide Web (WWW). Access to audio files is provided by a RealAudio player. Files are selected by links from the WWW text pages in a similar way to links to other pages and images. A key feature of the RealAudio technology is that the audio can be listened to in near real-time. The highly compressed audio files are transmitted via the Internet. The player provides a 10 second buffer to accommodate fluctuations in transmission rate. In practice, this leads to a small delay before the commencement of the audio playback but, thereafter, the audio is continuous. The player also provides a means of moving almost instantly anywhere within the audio stream, regardless of the length of the total playing time. Methods are now being developed to integrate the player into alternative access structures. (4 Refs)

Descriptors: digital audio broadcasting; digital communication; educational technology; handicapped aids; Internet; real-time systems; telecommunication computing

Identifiers: digital audio; disabled learners; print-disabled students; Internet; Progressive Networks; encoding methods; distribution methods; World Wide Web; audio file access; RealAudio player; text page links; near real-time system; compressed audio files; buffer; transmission rate fluctuations; delay; continuous audio playback; audio stream; playing time; access structures; 10 s

Class Codes: B0120 (Education and training); B6210Z (Other data transmission); B7520H (Aids for the handicapped); B6210L (Computer communications); C7810C (Computer-aided instruction); C7850 (Computer assistance for persons with handicaps); C5620W (Other computer networks); C7410F (Communications computing)

Numerical Indexing: time 1.0E+01 s

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DIALOG(R)File 647:CMP Computer Fulltext  
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01119103 CMP ACCESSION NUMBER: CRN19970224S0068

Realvideo unveiled (Weekly Briefs)

COMPUTER RESELLER NEWS, 1997, n 724, PG69

PUBLICATION DATE: 970224

JOURNAL CODE: CRN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Emerging Technologies - New Opportunities In Platforms,  
Systems & Software

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TEXT:

Progressive Networks Inc., Seattle, unveiled a technology called Realvideo, which allows video images to be transmitted over standard telephone lines and high-speed communications lines. Major media companies announced their support of the technology.